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FAX NO. 404664880

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ATTORNEY DOCKET NO. 05118.0007U4
Serial No. 08/961,443

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Townes, Tim M. et al.

Group Art Unit: 1632

Serial No. 08/961,443

Examiner: Jill Martin

Filed: October 10, 1997

For: TRANSGENIC ANIMALS THAT
PRODUCE HEMOGLOBIN

DECLARATION UNDER 37 C.F.R. 1.132

THE TOWNES DECLARATION 2

*Considered
JW 4/12/06*
BOX FEE AMENDMENT
Commissioner for Patents
Washington, D.C. 20231

NEEDLE & ROSENBERG, P.C.
Suite 1200, The Candler Building
127 Peachtree Street, N.E.
Atlanta, Georgia 30303-1811

April 10, 2002

Sir:

1. I, Tim Townes, a citizen of the United States, residing at 4687 Bridgewater Rd, Birmingham, Al 35243, declare that:

2. I have a Ph.D. degree in Microbiology from the University of Tennessee in Knoxville. I have been conducting research in the field of Molecular Genetics since 1982 and am a co-author of at least 50 publications relating to hemoglobin and hemoglobin transgenesis. I am currently Professor and Chairman of the Department of Biochemistry and Molecular Genetics at the University of Alabama at Birmingham.

3. I am a co-inventor of the subject matter in United States Patent Application No. 08/961,443.